

contaminati on with human waste	be mostly locals and are expected to go home to their respective houses after works	adequate latrine/toilet facility at the base camp	finish		M & E
4. Potential disruption of traffic flow	The construction will not affect daily movement of residents and farmers	Keep the road open to traffic flow and minimize disruptions along the access road and/or construction area; Provide adequate warning signs and traffic personnel when necessary;	From the beginning of construction until formal turn over	Contract	PEO Contractor
5. Potential dust/mud nuisance during construction	Roads could become powdery during dry days and muddy during rainy days of the construction period Access road and/or construction/reh abilitation does not pass through any populated area	Undertake sprinkling of road (including access roads) during dry days, and filling up of potholes during rainy days, especially in residential areas Set up speed limits for vehicles, especially within residential areas	During excavation periods from the beginning of construction period or upon completion of sub-project. Put up sinages at strategic points.	Contractor And Monitoring and Evaluation Unit	PEO PPDO Contractor
6. Landslide/ erosion of exposed road sides resulting in	The road passes through a relatively benign terrain, cuts will be minimal	Include slope protection works at the following stations: Sta.	During construction period	DED/POW LGU Commitme nt Letter	

sedimentation of waterways		2+220-2+240, 2+420-2+245, 2+800-2+890, 4+320-4+410 and 4+700-4+715		Monitoring and Evaluation team of the PPMIU	
7. Inadequate drainage resulting in flooding or ponding	Drainage issues unlikely	Lined canal at Sta. 3+940; 4+220; 4+913; 5+760; 6+200; 6+200	Refer to RCPC, Lined Canal and slope protection	DED	Contractor OPE ENRO-SES M & E
8. Potential increase in encroachments of human activities into the nearby public forest	The proposed road does not improve access to a public forest	Coordinate with DENR for the portion of the Timberland for the issuance of Special Land Use Permit on tree plantation establishment /pasture areas for dairy/ to provide alternative livelihood to residents of the area.	From the start of project and to extend for a period of ten years to sustain rehabilitation efforts	O&M Plan; Capacity Building Plan; ESMP	Dairy Multi-Purpose Cooperative ENRO-SES PPDO/M7E LGUs
9. Local employment	Construction will provide local employment opportunities	Hiring priority shall be given to qualified local residents; implement RI Manual on local hiring	During construction	Contract/P OW Labor Cost of project (skilled and Unskilled) =Php 1,286,233.60	Contractor PEO
10. Conversion of Land-use/natural habitat due to quarry	Quarry site is existing and proven as a good source of quarry materials	Quarry materials will be procured to existing quarry sites at Minanga,	15,000 cubic meters more or less of sand and gravel aggregates shall be transported from	Programs of Work	PEO – Contractor

		Arcon and Fugu Abajo, Tumauni, Isabela. Certification attached that quarrying has no adverse impacts to the environment	the quarry site to the sub-project area.		
11. Potential damage to existing road due to hauling of quarry materials	source of quarry materials is 20 km. Transportation of quarry materials from source to FMR will cause damage to existing FMR	regular maintenance and repair of existing road from national road to the project site is more or less 2-kilometers	During construction period	Contract	PEO ENRO
12. Possible discovery of artifacts, bones and other objects of interests during construction of the farm to market road	Discovery of artifacts, bones and other objects of interests within the 10 meter radius	Suspension of the activities and immediately report to the PLGU and RPCO-SES Focal Person	During construction	Contract	Contractor
13. Occupational Health Hazards to Workers during operation	Operations do not expose workers to hazardous/unsafe condition	-provide safety guidelines for workers (safety gear at work, handling of equipment, etc) -Put up safety signs in working areas -Provide potable water and sanitary facilities to	Project Operation period	O & M	

		workers -Provide first aid kits in strategic areas -Provide personal protective equipment			
14. Conflict arising from conflicts/complaints about effects of the project activities	Grievance investigation and resolution process	Review of policies instituted in the IESSF	Before, during and decommissioning process	Operations Manuel/Executive Order No. 13, s. 2015	Project proponent /LGUs
14. BATCHING PLANT operability	Dust emissions/noise pollution	Daytime Operations only/use of water on dust elimination	During construction/operation/ECC submission prior to operation	Contract	Contractor

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